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(21) International Application Number: PCT/FI97/00225 (22) International Filing Date: 14 April 1997 (14.04.97) (30) Priority Data: 961732 22 April 1996 (22.04.96) FI (71) Applicant (for all designated States except US): TEHOTULOS OY [FI/FI]; Silmäkkeenkatu 1 A 5, FIN-33560 Tampere (FI). (72) Inventor; and (75) Inventor/Applicant (for US only): KIVIMÄKI, Keijo [FI/FI]; Silmäkkeenkatu 1 A 5, FIN-33560 Tampere (FI). (74) Agent: KANGASMÄKI, Reijo; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>In English translation (filed in Finnish).</i>
(54) Title: METHOD AND APPARATUS FOR ELIMINATING THE SPIRALITY IN KNITTED FABRIC (57) Abstract The invention relates to a method for manufacturing and/or treating a fabric, knitting in particular, preferably for producing a single-jersey fabric, a derivative thereof or the like, is carried out with a knitting machine, such as a circular, flat-bed, straight-bar, loop-wheel machine or the like, comprising at least knitting elements (1), such as yarn supply elements and loop forming elements (1a), such as needles, sinkers and/or the like, in cooperation therewith for producing a fabric from continuous yarn, such as one or a plurality of untwisted, S-, Z-twisted yarns and/or alike yarn, by knitting, and take-up elements (2) for receiving the resulting fabric. The spirality of an obtained fabric is eliminated at a first stage (A) on one hand by altering the number of twists/unit of length and/or the relative length of distortion-causing loop legs, whereafter the obtained fabric is on the other hand at a second stage (B), preferably during the course of fabric finishing or alike operation, subjected to at least one after-treatment, wherein the fabric is straightened in terms of its wales and/or courses for resetting the loop legs to a substantially equal length. The invention also relates to an apparatus for implementing the method. 		